

## Page 1 of 1

All amounts are calculated in domestic currency.

[illegible]

# B I L L O F L A D I N G

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 956866  
 Ship Date 01Oct15 at 14:27 From PFW  
 Probill  
 Via VIM DELIVERY  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

# B I L L O F L A D I N G

1) Our Order PEC-851209- 1 Your PO # 29911  
 ALUMINUM PLATE 7075-T651  
 3.50" THICK X 2.0000" X 144.0000"  
 THICKNESS TOL +- .030- .260"

MTR

Heat Number	Tag No	Quantity	PCS	Wt LBS
14500 12661	459751	4.00 SFT	2	221
QUALITY ASSURANCE		Tags	PCS	LBS
PO# 29911, HEAT# 1450012661		1	2	221
Material Approved		TOTAL:		

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
 \*\* REFERENCED ON IT \*\*

DAS  
 14  
 9-89 15/10/06

TOTAL 1 BDL GW. 250 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
 CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
 \*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*  
 \* WE STOCK STAINLESS STEEL \*  
 \* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
 \*\*\*\*\*  
 \*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT  
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: ( 1 )  
DART AEROSPACE

NO: PEC 956866  
Ship Date 01Oct15 at 14:27 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

=====

B I L L O F L A D I N G

ADDED TO EVERY ORDER.\*\*\*  
THYSSENKRUPP MATERIALS NA WILL CONDUCT THEIR  
INVENTORY, SEPT. 24 & 25/2015. THERE WILL BE NO  
CUSTOMER PICKUPS THOSE DAYS. HOWEVER, THE SALES  
OFFICE WILL REMAIN OPEN.

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
TPS/GST TVH/HST # 140223934 RT0001

DATE



# INSPECTION CERTIFICATE (EN 10204/3.1)

Page 1 / 2

Certificate No. : 2014120312  
Customer : THYSSENKRUPP MATERIALS NA  
CBS ELKHART 1015 SAINT JEROME STREET, ST. JOSEPH,  
MISHAWAKA, IN, 46544, US  
Purchase Order No. : 5400237047-R01  
Material No. : ALFLR00566  
Alloy : 7075  
Batch No. : 1450012661  
Dimensions : 3.500x72.50x144.50inch  
Master standard : ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

Temper  
Quantity

: T651  
: 2

## TECHNOLOGICAL PROPERTIES

Mechanical properties: Temper: T651

ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

	Pl-No.	Spec.No.	Rp1.0	Rp0.2 Ksi	Rm Ksi	A4d %	Z	Rp/Rm
LT Min	-	-	-	58.0	71.1	5.0	-	-
Max	-	-	-	-	-	-	-	-
Act	1	-	-	60.9	75.1	14.4	-	-
Act	1	-	-	61.2	75.3	13.8	-	-

## Chemical Composition In %, Remainder Al

Alloy : 7075 Cast No. : ZJ77502-1-14-0927

Alloy Spec. : ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

DAS  
14  
9-89

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others each	Others total
Min	0.00	0.00	1.20	0.00	2.10	0.18	5.10	0.00	0.00	0.00
Max	0.40	0.50	2.00	0.30	2.90	0.28	6.10	0.20	0.05	0.15
Act	0.037	0.077	1.682	0.005	2.410	0.201	5.661	0.0355	0.0084	0.0267

## Other tests

DIMENSIONAL CONTROL: OK

SURFACE CONTROL: OK

MELTED AND MANUFACTURED IN THE PEOPLE'S REPUBLIC OF CHINA.

CERTIFIED THAT THE WHOLE OF THE SUPPLIES DETAILED HEREON HAVE BEEN INSPECTED, TESTED AND, UNLESS OTHERWISE STATED ABOVE, CONFORM IN ALL RESPECTS WITH THE REQUIREMENTS OF THE SPECIFICATION, CONTRACT OR ORDER. WE CONFIRM, THAT QUALITY SYSTEM OF ALERIS ALUMINUM (ZHENJIANG) CO., LTD. IS IN ACCORDANCE WITH AS 9100C AND ISO 9001 IN THE RELEVANT VALID VERSION AND CERTIFICATED BY AN ACCREDITED 3RD PARTY.

Valid quality management system approvals see: [www.aleris.com](http://www.aleris.com)  
QA-CE-02B

Page 1 / 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2404121768

CstAr CstOr 1202126540

Wgt.: 221 LB Date 09/29/2015

*Thomas Sanchez*



INSPECTION CERTIFICATE (EN 10204/3.1)

Page 2 / 2

Certificate No. : 2014120312  
Customer : THYSSENKRUPP MATERIALS NA  
CBS ELKHART 1015 SAINT JEROME STREET, ST. JOSEPH,  
MISHAWAKA, IN, 46544, US  
Purchase Order No. : 5400237047-R01  
Material No. : ALFLR00568  
Alloy : 7075  
Batch No. : 1450012661  
Dimensions : 3.500x72.50x144.50inch  
Master standard : ASTM B209-2010, AMS4045K (AMS-QQ-A250/12A)

Temper  
Quantity

T651  
2

DAS  
14  
9-89

15/10/06

Quality Assurance, 2014-Dec-18  
Valid after signature

Xiaobo Bai

Xiaobo Bai

From: ThyssenKrupp Materials NA  
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2404121768  
CstAr CstOr 1202126540  
Wgt.: 221 LB Date 09/29/2015

Tomas Sanchez

## INSPECTION CERTIFICATE (EN 10204/3.1)

Page 1 / 2

Certificate No. : 2014120312  
Customer : THYSSENKRUPP MATERIALS NA  
CBS ELKHART 1015 SAINT JEROME STREET, ST. JOSEPH,  
MISHAWAKA, IN, 46544, US  
Purchase Order No. : 5400237047-R01  
Material No. : ALFLR00566  
Alloy : 7075 Temper : T651  
Batch No. : 1450012561 Quantity : 2  
Dimensions : 3.500x72.50x144.50inch  
Master standard : ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

### TECHNOLOGICAL PROPERTIES

**Mechanical properties:** Temper: T651  
ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

	PI-No.	Spec.No.	Rp1.0	Rp0.2 Ksi	Rm Ksi	A4d %	Z	Rp/Rm
LT Min	-	-	-	58.0	71.1	5.0	-	-
Max	-	-	-	-	-	-	-	-
Act	1	-	-	60.9	75.1	14.4	-	-
Act	1	-	-	61.2	75.3	13.8	-	-

### Chemical Composition in %, Remainder Al

Alloy : 7075 Cast No. : ZJ77502-1-14-0927  
Alloy Spec. : ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others each	Others total
Min	0.00	0.00	1.20	0.00	2.10	0.18	5.10	0.00	0.00	0.00
Max	0.40	0.50	2.00	0.30	2.90	0.28	6.10	0.20	0.05	0.15
Act	0.037	0.077	1.682	0.005	2.410	0.201	5.661	0.0355	0.0084	0.0267

### Other tests

DIMENSIONAL CONTROL: OK  
SURFACE CONTROL: OK

MELTED AND MANUFACTURED IN THE PEOPLE'S REPUBLIC OF CHINA.

CERTIFIED THAT THE WHOLE OF THE SUPPLIES DETAILED HEREON HAVE BEEN INSPECTED, TESTED AND, UNLESS OTHERWISE STATED ABOVE, CONFORM IN ALL RESPECTS WITH THE REQUIREMENTS OF THE SPECIFICATION, CONTRACT OR ORDER. WE CONFIRM, THAT QUALITY SYSTEM OF ALERIS ALUMINUM (ZHENJIANG) CO., LTD. IS IN ACCORDANCE WITH AS 9100C AND ISO 9001 IN THE RELEVANT VALID VERSION AND CERTIFICATED BY AN ACCREDITED 3RD PARTY.



INSPECTION CERTIFICATE (EN 10204/3.1)

Page 2 / 2

Certificate No. : 2014120312  
Customer : THYSSENKRUPP MATERIALS NA  
CBS ELKHART 1015 SAINT JEROME STREET, ST. JOSEPH,  
MISHAWAKA, IN, 46544, US  
Purchase Order No. : 5400237047-R01  
Material No. : ALFLR00566  
Alloy : 7075 Temper : T651  
Batch No. : 1450012661 Quantity : 2  
Dimensions : 3.500x72.50x144.50inch  
Master standard : ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

Quality Assurance, 2014-Dec-18  
Valid after signature

*Xiaobo Bai*

Xiaobo Bai

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M7075T6  
DATE 15/10/06

PO / BATCH NO 29911/133296

MATERIAL CERT RECD yes  
QUANTITY RECEIVED 24'  
QUANTITY INSPECTED 24'  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 3.500X2.000  
THICKNESS RECEIVED 3.660X2.060  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT THICKNESS	Y <input checked="" type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

*Testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY <u>DAS</u>	SIGNED OFF BY _____		
DATE <u>15/10/06</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO29911

Purchase Order Date 9/28/2015 12:32:52 PM

PO Print Date 9/28/2015

Page Number 1 of 2

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444

Ship To Contact  
Ship To Phone  
Ship Via: Yours ppd  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						

1	M7075T6B3.500X02.000	7075-T6 BAR 3.500' X 2.000"	10/9/2015		24.00	\$47.67	\$1,144.00
---	----------------------	-----------------------------	-----------	--	-------	---------	------------

Yes  
10/9/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

tolerance on thickness +0.030/-0.260  
ok per JF

NOTE: PLEASE CUT TO SIZE 3 PCS CUT AT 51"

15/10/2  
SEP

cut  
2" thick x 3.50 x 144  
grain direction?

Line Total: \$1,144.00

Note:

9/28/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

**Purchase Order ID PO29911**

**Purchase Order Date** 9/28/2015 12:32:52 PM

**PO Print Date** 9/28/2015

**Page Number** 2 of 2

**Order From :**  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

VC-COP001

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**  
**Vendor Phone** 905 669 9444  
  
**Ship To Contact**  
**Ship To Phone**  
**Ship Via:** Yours ppd  
**Ship Acct:**

**Buyer** Chantal Lavoie  
**Customer POID**  
**Customer Tax #** 10127-2607  
**Terms** Net 30  
**Currency** CAD  
**FOB** FCA – (Free Carrier)

4	71401-45	Procurement Quality Clause	10/9/2015	1.00	\$0.00	\$0.00
			No			
		Procurement Quality Clauses	10/9/2015			
		A005 right of entry				
		A012 chemical and physical test report				
		A016 personnel qualification				
		A017 raw material identification (as applicable)				
		A026 certification of material conformance				
		A041 quality management system				
		A042 dart notification by supplier				
		A043 retention of quality documents				

**Line Total:** \$0.00

**PO Total:** \$1,144.00

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:** 2

**Change Date:** 9/28/2015